

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An automatic call connection method for a first mobile communication terminal, comprising the steps of:
 - storing call information for a setup call during initial call setup, the call information stored by one of the first terminal and a base station serving the first terminal;
 - determining, by one of the first terminal and the base station, when call drop occurs during the setup call, whether an order identifier of an order message indicating call end occurring due to the call drop, was set to a value previously agreed upon between the first terminal and the base station, i.e., a value indicating the call end, and whether the call drop was unintentional, the call drop being determined to be unintentional when an air message is not received during a valid waiting time previously set in one of the first terminal and the base station; and
 - automatically reconnecting a previous call between the first terminal and a second mobile communication terminal, i.e., the dropped call, using based on the stored call information, the automatic reconnection being conditional solely on determination of the call drop being unintentional. ~~if the call drop is determined to have been unintentional.~~
2. (Cancelled)
3. (Previously Presented) The automatic call connection method of claim 1, wherein the automatically reconnecting step further comprises:
 - (a) generating a message for providing notification of the unintentional call drop by one of the first terminal and the base station, and transmitting the generated message to the other of the first terminal and the base station;

(b) generating, by the first terminal, an origination message for automatic reconnection of the dropped call using the call information upon receiving the notification;

(c) transmitting the generated origination message from the first terminal to the base station;

(d) receiving, by the first terminal, channel information for automatic reconnection of the dropped call from the base station, and setting up a traffic channel based on the received channel information; and

(e) connecting the dropped call using the traffic channel.

4. (Cancelled)

5. (Previously Presented) The automatic call connection method of claim 3, wherein step-(b) comprises receiving a user's approval for automatic connection of the previous call by the first terminal.

6. (Currently Amended) The automatic call connection method of claim 1, wherein the ~~automatic reconnection~~ automatically reconnecting step further comprises the steps of:

generating a message for providing notification of unintentional call drop by one of the first terminal and the base station, and transmitting the generated message to the other of the first terminal and the base station;

assigning a traffic channel for automatic reconnection of the dropped call by the base station using the call information, upon receiving the generated message for providing notification;

transmitting, by the base station, the traffic channel to all mobile communication terminals served by the base station; and

reconnecting the dropped call using the traffic channel.

7. (Cancelled)

8. (Currently Amended) An automatic call connection method for a first mobile communication terminal served by a base station, comprising the steps of:

storing call information for a call during initial call setup between the first terminal and a second mobile communication terminal, the call information stored by one of the first terminal and the base station;

determining, by one of the first terminal and the base station, when call drop occurs during the call, whether the call drop was unintentional, the call drop being determined to be unintentional when an air message is not received during a valid waiting time previously set in one of the first terminal and the base station; and

automatically reconnecting a previous call between the first and second terminals, i.e., the dropped call, ~~based on using the stored call information, if the call drop is determined to have been unintentional, the automatic reconnection being conditional solely on determination of the call drop being unintentional.~~

9. (Cancelled)

10. (Currently Amended) The automatic call connection method of claim 8, wherein the ~~automatic reconnection~~ automatically reconnecting step further comprises the steps of:

(a-1) generating a message for providing notification of the unintentional call drop, and transmitting the generated message to the first terminal;

(b-1) receiving a generated origination message for automatic re-connection of the previous call using the call information from the first terminal;

(c-1) assigning a traffic channel for the automatic re-connection of the previous call based on the received origination message; and

(d-1) transmitting the traffic channel to the first terminal and reconnecting the previous call between the first and second terminals.

11. (Previously Presented) The automatic call connection method of claim 10, wherein step (a-1) further comprises the step of setting an order identifier (ORDQ) of an order message

indicating call end to a value previously agreed upon between the first terminal and the base station.

12. (Previously Presented) The automatic call connection method of claim 10, wherein step (b-1) further comprises the step of receiving a user's approval for automatic re-connection of the previous call by the first terminal.

13. (Previously Presented) The automatic call connection method of claim 1, wherein the call information is a phone number of a previously called party and a service option of the previous call.

14. (Previously Presented) The automatic call connection method of claim 8, wherein the call information is a phone number of a previously called party and a service option of the previous call.

15. (Currently Amended) An automatic call connection method for a first mobile communication terminal served by a base station, comprising the steps of:

storing call information for a call during initial call setup between the first terminal and a second mobile communication terminal, the call information stored by one of the first terminal and the base station;

determining, by one of the first terminal and the base station, when call drop occurs during the call, whether an order identifier of an order message indicating call end occurring due to the call drop, was set to a value previously agreed upon between the first terminal and the base station, i.e., a value indicating the call end, and whether the call drop was unintentional; and

automatically reconnecting a previous call, i.e., the dropped call, ~~based on using the stored call information, if the call drop is determined to have been unintentional~~ the automatic reconnection being conditional solely on determination of the call drop being unintentional.

16. (Previously Presented) The automatic call connection method of claim 15, wherein the

determining step determines that unintentional call drop has occurred if an air message is not received during a valid waiting time previously set.

17. (Previously Presented) The automatic call connection method of claim 15, wherein the automatically reconnecting step further comprises the steps of:

(a-2) generating a message for providing notification of the unintentional call drop, and transmitting the generated message to the first terminal;

(b-2) receiving an origination message generated by the first terminal for automatic re-connection of the previous call using the call information;

(c-2) assigning a traffic channel for the automatic re-connection of the previous call based on the received origination message; and

(d-2) transmitting the traffic channel to the first terminal and reconnecting the previous call between the first and second terminals.

18. (Previously Presented) The automatic call connection method of claim 17, wherein step (b-2) further comprises the step of receiving a user's approval for automatic connection of the previous call by the first terminal.